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LOGINID:SSPTAJRK1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS	9	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	10	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	11	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	12	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	13	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	14	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	15	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	16	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	17	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	18	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	19	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	20	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	21	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	22	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:30:04 ON 17 JAN 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:30:12 ON 17 JAN 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

DICTIONARY FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

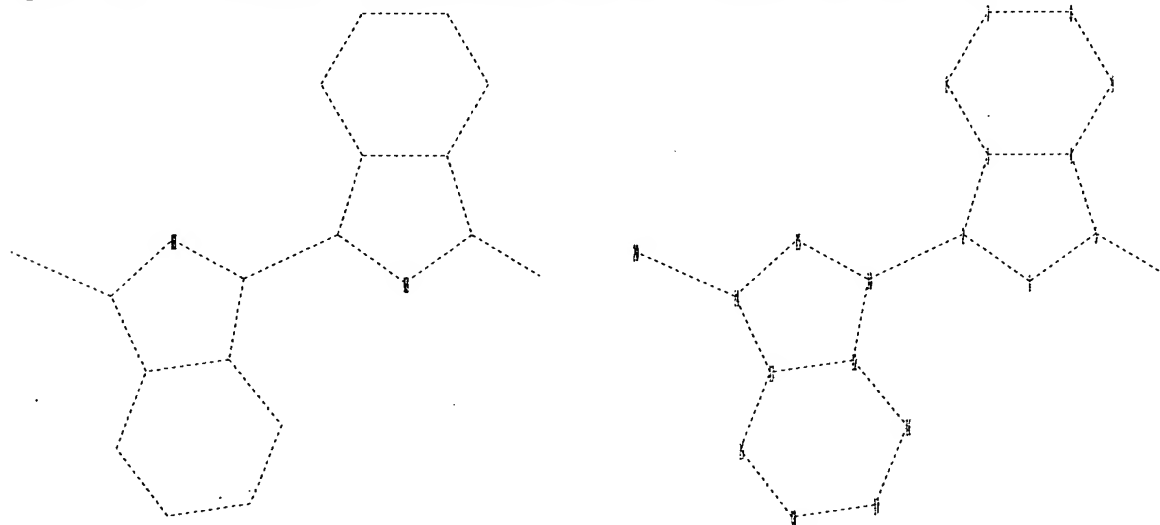
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10542529\Struc 4.str



chain nodes :

11 20

ring nodes :

1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19

chain bonds :

2-10 5-11 14-20

ring bonds :

1-2 1-5 2-3 3-4 3-6 4-5 4-9 6-7 7-8 8-9 10-12 10-15 12-13 12-16 13-14  
13-19 14-15 16-17 17-18 18-19

exact/norm bonds :

1-2 1-5 2-3 2-10 3-4 3-6 4-5 4-9 5-11 6-7 7-8 8-9 10-12 10-15 12-13  
12-16 13-14 13-19 14-15 14-20 16-17 17-18 18-19

Match level :

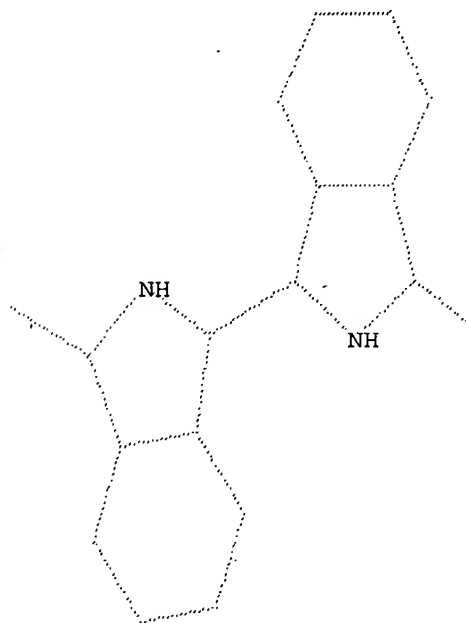
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
20:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> l1

SAMPLE SEARCH INITIATED 15:30:41 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 493 TO ITERATE

100.0% PROCESSED 493 ITERATIONS

0 ANSWERS

10542529a.trn

Page 4

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 8528 TO 11192  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> l1 full  
FULL SEARCH INITIATED 15:30:44 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 10176 TO ITERATE

100.0% PROCESSED 10176 ITERATIONS 3 ANSWERS  
SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 172.10 172.31

FILE 'CAPLUS' ENTERED AT 15:30:48 ON 17 JAN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 17 Jan 2007 VOL 146 ISS 4  
FILE LAST UPDATED: 16 Jan 2007 (20070116/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l3

L4 3 L3

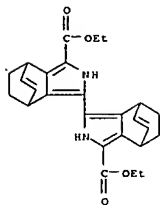
=> d ibib abs hitstr 1-3

10542529a.trn

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2004:15235 CAPLUS  
 DOCUMENT NUMBER: 140:181240  
 TITLE: A new synthesis of mono- and dibenzosapphyrins  
 AUTHOR(S): Ono, Noboru; Kuroki, Kenji; Watanabe, Eriko; Ochi,  
 Naoyuki; Uno, Hideemitsu  
 CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Ehime  
 University, Matsuyama, 790-8577, Japan  
 SOURCE: Heterocycles (2004), 62, 165-173  
 CODEN: HETCYM; ISSN: 0385-5414  
 PUBLISHER: Japan Institute of Heterocyclic Chemistry  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 140:181240  
 GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

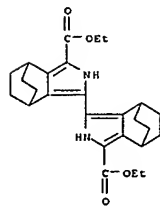
AB Sapphyrins fused with mono-bicyclo[2.2.2]octadiene (BCOD) and di-BCOD  
 units, e.g. 1-2 HCl, were prepared and converted into the  
 corresponding mono- and dibenzosapphyrins, e.g. 11-2 HCl, by  
 heating at 200 °C. The UV-Vis spectra of mono- and  
 dibenzosapphyrins reveals that the Soret bands are red shifted by 10-20  
 nm  
 by introduction of fused benzene rings, but Q bands are not much  
 affected.  
 IT 658709-84-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (new synthesis of mono- and dibenzosapphyrins)  
 RN 658709-84-3 CAPLUS  
 CN [1,1'-Bi-4,7-ethano-2H-isoindole]-3,3'-dicarboxylic acid,  
 4,4',7,7'-tetrahydro-, diethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR  
 THIS

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:85158 CAPLUS  
 DOCUMENT NUMBER: 134:266671  
 TITLE: Synthesis and properties of polypyrrole annelated  
 with  
 bicyclo[2.2.2]octene units  
 AUTHOR(S): Ito, S.; Watanabe, H.; Uno, H.; Murashima, T.; Ono,  
 N.; Tsai, Y. C.; Compton, R. G.  
 CORPORATE SOURCE: Faculty of Science, Department of Chemistry, Ehime  
 University, Matsuyama, 790-8577, Japan  
 SOURCE: Tetrahedron Letters (2001), 42(4), 707-710  
 CODEN: TELEAY; ISSN: 0040-4039  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

AB Polypyrrole annelated with bicyclo[2.2.2]octene provides a new material  
 that possesses a raised HOMO band, extended conjugation and a rigid  
 porous  
 structure.  
 IT 332151-04-9  
 RL: PRP (Properties)  
 (synthesis and properties of polypyrrole annelated with  
 bicyclo[2.2.2]octene units)  
 RN 332151-04-9 CAPLUS  
 CN [1,1'-Bi-4,7-ethano-2H-isoindole]-3,3'-dicarboxylic acid,  
 4,4',5,5',6,6',7,7'-octahydro-, diethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR  
 THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

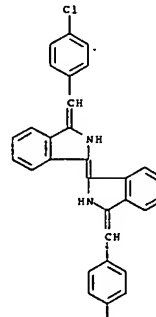
FORMAT

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1972:1624 CAPLUS  
 DOCUMENT NUMBER: 76:1624  
 TITLE: Halo pyrroles  
 AUTHOR(S): Messerschmitt, Thilo; Von Specht, Ulrich; Von  
 Dobeneck, Henning  
 CORPORATE SOURCE: Org. Chem. Lab., Tech. Univ. Muenchen, Munich, Fed.  
 Rep. Ger.  
 SOURCE: Justus Liebigs Annalen der Chemie (1971), 751, 50-9  
 CODEN: JLABCF; ISSN: 0075-4617  
 DOCUMENT TYPE: Journal  
 LANGUAGE: German

GI For diagram(s), see printed CA issue.  
 AB Reaction of 1-methyl-3-hydroxy-4-(ethoxycarbonyl)-5-phenyl-3-pyrrolin-2-  
 one with POC13 and PhNMe2 gave 1-methyl-2-chloro-3-[4-  
 (dimethylamino)phenyl]-4-(ethoxycarbonyl)-5-phenylpyrrole (I). Reaction  
 of 3-(4-chlorobenzyl)-phthalimidine with POC13 gave 1,1'-bi[3-(4-  
 chlorobenzylidene)-isoindolinylidene] (II). Reaction of  
 5-methyl-4-(ethoxycarbonyl)-4H-indolin-2-one with POBr3 in DMF at  
 -20° gave 5-methyl-4-(ethoxycarbonyl)-3-(N,N-  
 dimethylaminomethylene)-4H-pyrrolin-2-one (III). Reaction of  
 3,4-dimethyl-5-(4-chlorobenzylidene)-2-pyrrolinone with PC15 gave  
 3,4-dimethyl-5-[(4-chlorophenyl)chloromethylene]-2-pyrrolinone (IV).  
 Vilmeier reaction of 4-methyl-3-ethyl-2-pyrrolinone gave  
 2-acetyl-3-methyl-4-ethyl-5-chloropyrrole.

IT 34462-80-1P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 34462-80-1 CAPLUS  
 CN 1H-isoindole, 1-[(4-chlorophenyl)methylene]-3-[3-[(4-  
 chlorophenyl)methylene]-2,3-dihydro-1H-isoindol-1-ylidene]-2,3-dihydro-  
 (9CI) (CA INDEX NAME)



PAGE 1-A

PAGE 2-A

1  
C1

Page 7

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

16.28

188.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.34

-2.34

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:31:24 ON 17 JAN 2007